Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
Data File : BP018270.D
Acq On : 22 Nov 2023 11:03
Operator : MA/JU
Sample : SSTD01059
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010625

Quant Time: Nov 22 13:59:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 22 13:53:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	376104	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	1660586	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	1123627	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	2375492	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	1698847	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	1513842	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	37686	3.753	ng/uL	0.00
4) Pyridine-d5	3.693	84	270135	9.789	ng/ul	0.00
7) Phenol-d5	7.034	99	332419	9.671	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	208084	10.124	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	262278	9.088	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	274977	9.913	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	118893	8.815	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	102394	8.220	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	277720	9.241	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	424734	10.479	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	955260	9.554	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	1076814	9.452	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	112467	8.148	ng/ul	0.00
60) Fluorene-d10	15.504	176	793409	9.488	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	62942	6.224	ng/ul	0.00
73) Anthracene-d10	17.357	188	1203606	9.480	ng/ul	0.00
81) Pyrene-d10	19.598	212	1255694	9.287	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	795920	9.069	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	39974	3.712	ng/uL	99
5) Pyridine	3.711	79	274892	9.886	ng/ul	96
6) Benzaldehyde	7.016	77	199653	10.976	ng/ul	100
8) Phenol	7.063	94	329245	9.765	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.311	93	279954	9.968	ng/ul	100
12) 2-Chlorophenol	7.440	128	268861	9.286	ng/ul	98
13) 2-Methylphenol	8.322	108	256419	9.764	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.416	45	411940	10.319	ng/ul	99
16) Acetophenone	8.705	105	448964	10.577	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.693	70	233345	9.841	ng/ul	99
18) 4-Methylphenol	8.646	108	278867	9.944	ng/ul	96
19) Hexachloroethane	8.963	117	112138	9.274	ng/ul	99
22) Nitrobenzene	9.081	77	290841	9.204	ng/ul	98
23) Isophorone	9.610	82	677357	9.618	ng/ul	100
25) 2-Nitrophenol	9.793	139	118789	8.476	ng/ul	96
26) 2,4-Dimethylphenol	9.857	107	296074	9.409	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.099	93	404100	9.501	ng/ul	100
29) 2,4-Dichlorophenol	10.322	162	268557	9.329	ng/ul	99
30) Naphthalene	10.734	128	954095	9.500	ng/ul	100
32) 4-Chloroaniline	10.840	127	400773	10.478	ng/ul	99
33) Hexachlorobutadiene	11.022	225	182411	9.291	ng/ul	98
34) Caprolactam	11.587	113	85464	10.317	ng/ul	97
35) 4-Chloro-3-methylphenol	11.957	107	293294	9.529	ng/ul	100
36) 2-Methylnaphthalene	12.340	142	677617	9.533	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	687092	9.603	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.704	216	361614	9.112	ng/ul	99
40) Hexachlorocyclopentadiene	12.693	237	177553	7.900	ng/ul	98
41) 2,4,6-Trichlorophenol	12.946	196	212444	8.914	ng/ul	98
42) 2,4,5-Trichlorophenol	13.010	196	228426	8.864	ng/ul	96
43) 1,1'-Biphenyl	13.351	154	917627	9.373	ng/ul	100
44) 2-Chloronaphthalene	13.387	162	720721	9.301	ng/ul	99
45) 2-Nitroaniline	13.587	65	142177	8.528	ng/ul	99
47) Dimethylphthalate	13.975	163	930692	9.514	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	139680	8.469	ng/ul	98
50) Acenaphthylene	14.234	152	1212718	9.550	ng/ul	100
51) 3-Nitroaniline	14.410	138	143189	8.738	ng/ul#	94
52) Acenaphthene	14.575	153	790122	9.525	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	34393	5.977	ng/ul	97
55) 4-Nitrophenol	14.710	109	91170	8.916	ng/ul	98
56) Dibenzofuran	14.910	168	1084430	9.562	ng/ul	100
57) 2,4-Dinitrotoluene	14.869	165	189395	8.498	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.134	232	179233	8.856	ng/ul	99
59) Diethylphthalate	15.345	149	944033	9.607	ng/ul	99
61) Fluorene	15.557	166	909427	9.833	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.563	204	455182	9.692	ng/ul	99
63) 4-Nitroaniline	15.569	138	139641	9.029	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.628	198	71883	6.409	ng/ul#	91
67) N-Nitrosodiphenylamine	15.769	169	755738	9.382	ng/ul	100
68) 4-Bromophenyl-phenylether	16.457	248	274430	9.150	ng/ul	99
69) Hexachlorobenzene	16.557	284	305508	9.112	ng/ul	99
70) Atrazine	16.728	200	253913	10.325	ng/ul	99
71) Pentachlorophenol	16.904	266	139880	8.119	ng/ul	94
72) Phenanthrene	17.304	178	1364162	9.441	ng/ul	99
74) Anthracene	17.392	178	1401639	9.610	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	367216	8.993	ng/uL	99
76) Pentachlorobenzene	14.828	250	365095	9.205	ng/uL	99
77) Carbazole	17.663	167	1196496	10.126	ng/ul	99
78) Di-n-butylphthalate	18.233	149	1569045	9.547	ng/ul	99
80) Fluoranthene	19.275	202	1497758	9.273	ng/ul	100
82) Pyrene	19.628	202	1521087	9.352	ng/ul	99
83) Butylbenzylphthalate	20.522	149	534303	8.877	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	354615	8.630	ng/ul	98
85) Benzo(a)anthracene	21.345	228	1303324	9.414	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	834813	9.244	ng/ul	100
87) Chrysene	21.398	228	1176307	9.337	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	1171643	10.513	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1042898	9.485	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	1019136	9.310	ng/ul	99
93) Benzo(a)pyrene	23.674	252	928139	9.178	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.327	276	1008682	8.627	ng/ul	99
95) Dibenzo(a,h)anthracene	26.362	278	828114	8.651	ng/ul	100
96) Benzo(g,h,i)perylene	27.104	276	816218	8.619	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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